

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

S-E-C-R-E-T

25X1

COUNTRY USSR (Leningrad Oblast, Saratov Oblast) REPORT

SUBJECT 1. A Construction Enterprise in Leningrad
2. Thermoelectric Stations in Leningrad and Saratov

DATE DISTR. 22 December 1958

NO. PAGES 1

REFERENCES

DATE OF INFO.

PLACE & DATE ACQ.

25X1

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

25X1

A report on a construction enterprise in Leningrad (N 59-55, E 30-15) and on thermoelectric stations in Leningrad and Saratov (N 51-34, E 46-02)

The report includes information on the chain of command in the construction enterprise; location, technical processes, construction work, and laborers in the Vasilievskiy thermoelectric station located on the Island of Vasilievskiy (N 59-56, E 30-15) in Leningrad; construction workers at the Bronevalla thermoelectric station in Leningrad; and turbines, transformers, construction workers and other personnel at the Saratov thermoelectric station. Four sketches and legends of the thermoelectric stations are also included with the attachment.

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI	X	AEC									
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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

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COUNTRY USSR (Leningrad Oblast, Saratov Oblast) REPORT [REDACTED]

SUBJECT 1. A Construction Enterprise in Leningrad. DATE DISTR. 22 December 1958

2. Thermoelectric Stations in Leningrad and Saratov NO. PAGES 1

REFERENCES [REDACTED]

DATE OF INFO. [REDACTED]

25X1

PLACE & DATE ACQ. [REDACTED]

25X1

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

A report on a construction enterprise in Leningrad (N 59-55, E 30-15) and on thermoelectric stations in Leningrad and Saratov (N 51-34, E 46-02) [REDACTED]

25X1

The report includes information on the chain of command in the construction enterprise; location, technical processes, construction work, and laborers in the Vasilevskiy thermoelectric station located on the Island of Vasilevskiy (N 59-56, E 30-15) in Leningrad; construction workers at the Bronevalla thermoelectric station in Leningrad; and turbines, transformers, construction workers and other personnel at the Saratov thermoelectric station. Four [REDACTED] sketches and legends of the thermoelectric stations are also included with the attachment.

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STATE	<input checked="" type="checkbox"/> ARMY	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI	<input checked="" type="checkbox"/> AEC						
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25X1

NORTHERN POWER CONSTRUCTION COMPANY
THERMOELECTRIC STATIONS IN LENINGRAD AND SARATOV

Northern Power Construction Company

1. The Northern Power Construction Company was located in Leningrad (N 59-55, E 30-20) on Fokinskaya naberezhnaya. This enterprise was in charge of construction of coal-fueled thermoelectric stations. The Ministry of Construction of Electric Power Stations was in charge of the Northern Power Construction Company and three other construction companies, the Baltic, the Southern, and the Eastern. These firms constructed the thermoelectric stations and then turned them over to the authorities in charge of operation of the power stations. [redacted] two of the nine or ten thermoelectric stations in Leningrad [redacted]

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Thermoelectric Station on the Island of Vasilevskiy, Leningrad

2. The Vasilevskiy thermoelectric station was located near a cemetery on the Island of Vasilevskiy in Leningrad [redacted]

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[redacted] This station had been functioning a long time [redacted] one turbine was being installed which was to make a total of four turbines in the thermoelectric station. Each of the turbines produced 25,000 kilowatts of energy. [redacted]

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(See [redacted] sketch No. 2 of Vasilevskiy thermoelectric station on page 7). [redacted]

[redacted] the system for feeding the boilers as follows: [redacted] freight cars which opened on four sides hauled the coal to the installation; "large" cranes scooped the coal from the freight cars and loaded it onto three to four-ton capacity wagons which moved by a cable system up a Decauville track to the hoppers. After the coal was dumped, the wagons moved down another track to be filled again at the loading point. Each boiler contained a smokestack more than 60 meters tall. The construction equipment was of Soviet make. Each of the 10 to 12 transformers (No. 11) was located in a shed. The "high-tension" area is shown by No. 10 on the sketch. [redacted]

25X1

the power lines were layed underground. The Vasilevskiy thermoelectric station also supplied electric power to some homes on Vasilevskiy Island. This installation did not employ military personnel, forced laborers or foreigners [redacted]

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[redacted] Fifty laborers and six welders were employed on the construction of the fourth turbine during the three-month period [redacted]

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25X1

Bronevalla Thermoelectric Station

3. The Bronevalla thermoelectric station was located in Leningrad about a half kilometer away from the Baltic line Bronevalla railroad station.

This thermoelectric station was similar to the Saratov plant, (see description of Saratov plant below), in size. At the time referred to in this report the Bronevalla thermoelectric station was only partially constructed; sufficient machinery was not available at the construction site. Twenty-five welders, and seven brigades of ten men each, worked on the construction of this installation.

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Saratov Thermoelectric Station

4. The Saratov thermoelectric station which was located seven or eight kilometers outside of Saratov (N 51-34, E 46-02) was under construction during the period referred to in this report. (June to December, 1954.) See sketch No. 4 of the Saratov thermoelectric station on page 90. The station had been planned to house at least four turbines; the first had been installed but was not yet functioning. The second and third were in the process of installation and the fourth was still in the planning stage. The turbines were to have operated on coal-fired steam-generating boilers, each of which occupied a floor space of 25 square meters. The system for feeding the boilers had already been constructed. A siding ran into a shed which occupied a 12 x 100 meter space. The coal was carried from the shed on a conveyor belt to a 10 x 10-square meter hopper which charged the first boiler. this installation had no smokestacks.

25X1

25X1

No underground installations existed at this station. An unknown number of transformers were under construction in a two-story 75 x 12 meter-structure. High tension wires, other than those installed in the "high tension area" (No. 16 on sketch No. 4 on page 9) did not exist at the station. In the "high tension area" there were a great number of seven to eight-meter-high metal columns located four or five-meters apart upon which were strung countless high-tension wires. From 250 to 300 men worked on the installation together with 25 welders and 300 construction workers. The project was headed by a construction chief, a chief engineer, and many foremen. No military personnel were employed at the project. The installation had not yet been entirely fenced in. Security measures were not enforced.

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Legend to Sketch of Thermoelectric Station on the Island of
Vasiljevsky-Leningrad.

25X1

1. Gate
2. Fourth turbine. This was under construction.
3. Third turbine. This was functioning.
4. Second turbine. This was functioning.
5. First turbine. This was functioning.
6. Boilers.
7. Coal hoppers.
8. Fuel conveyer system.
9. Building (function not specified).
10. "High tension area".
11. Transformers
12. Lavatories, and wardrobe room.
13. Repair shop.
14. Club.
15. Decauville railroad.
16. Emergency coal dumps.
17. Railroad track.
18. Railroad gate.
19. Two-story building; offices were located on the second floor.
20. Crane.

S-E-C-R-E-T

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25X1

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Legend to Sketch of Saratov Thermoelectric station.

25X1

1. Offices (not further identified).
2. Foreman's office.
3. Construction chief's office.
4. Cashier's office.
5. Hall.
6. Security office.
7. Four-story building (unoccupied, function not specified).
8. First turbine. Installation completed.
9. Second turbine. Almost completely installed.
10. Third turbine. Installation had just been started.
11. Location for fourth turbine.
12. Machine shop building.
13. Two-story transformer station, 75 x 12 meters.
14. Coal storage.
15. Coal hoppers.
16. "High tension area".
17. Decaeville railroad.
18. Railroad track. Used for transporting coal to installation.
19. Entrance.
20. Three to four-meter high metal columns.
21. Wooden fence.
22. Crane.
23. Lavatories.

S-E-C-R-E-T

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S-E-C-R-E-T

25X1

Sketch No. 1

- 6 -

Overlay of Map of Leningrad

Scale 1,25,000

Location of Thermoelectric
Station on the Island of
Vasilevskiy.

66 47

34 9

Thermoelectric Station on the Island of Vasilevskiy

66 50

34 5

S-E-C-R-E-T

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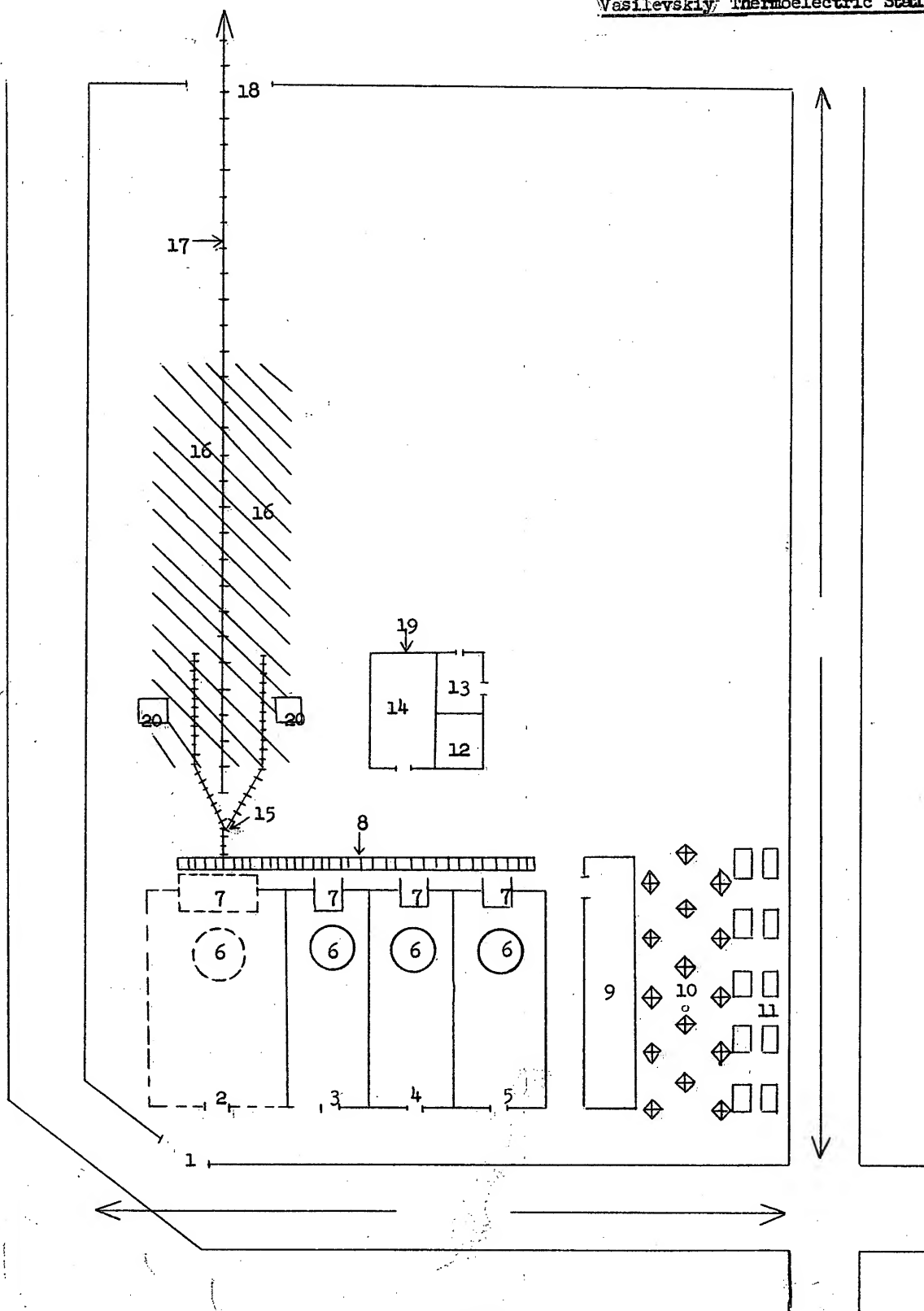
S-E-C-R-E-T

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Sketch No. 2

Vasilevskiy Thermoelectric Station



S-E-C-R-E-T

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S-E-C-R-E-T

25X1

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Sketch No. 3

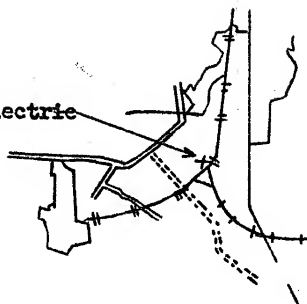
Overlay of Map of Leningrad

25X1

Location of Bronevalla Thermoelectric
Station

34
66 5

Bronevalla Thermoelectric
Station



S-E-C-R-E-T

25X1

S-E-C-R-E-T

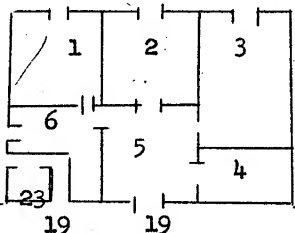
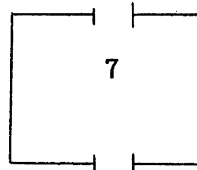
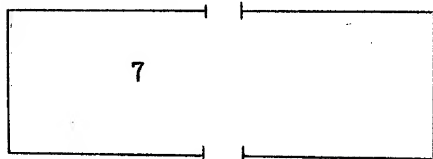
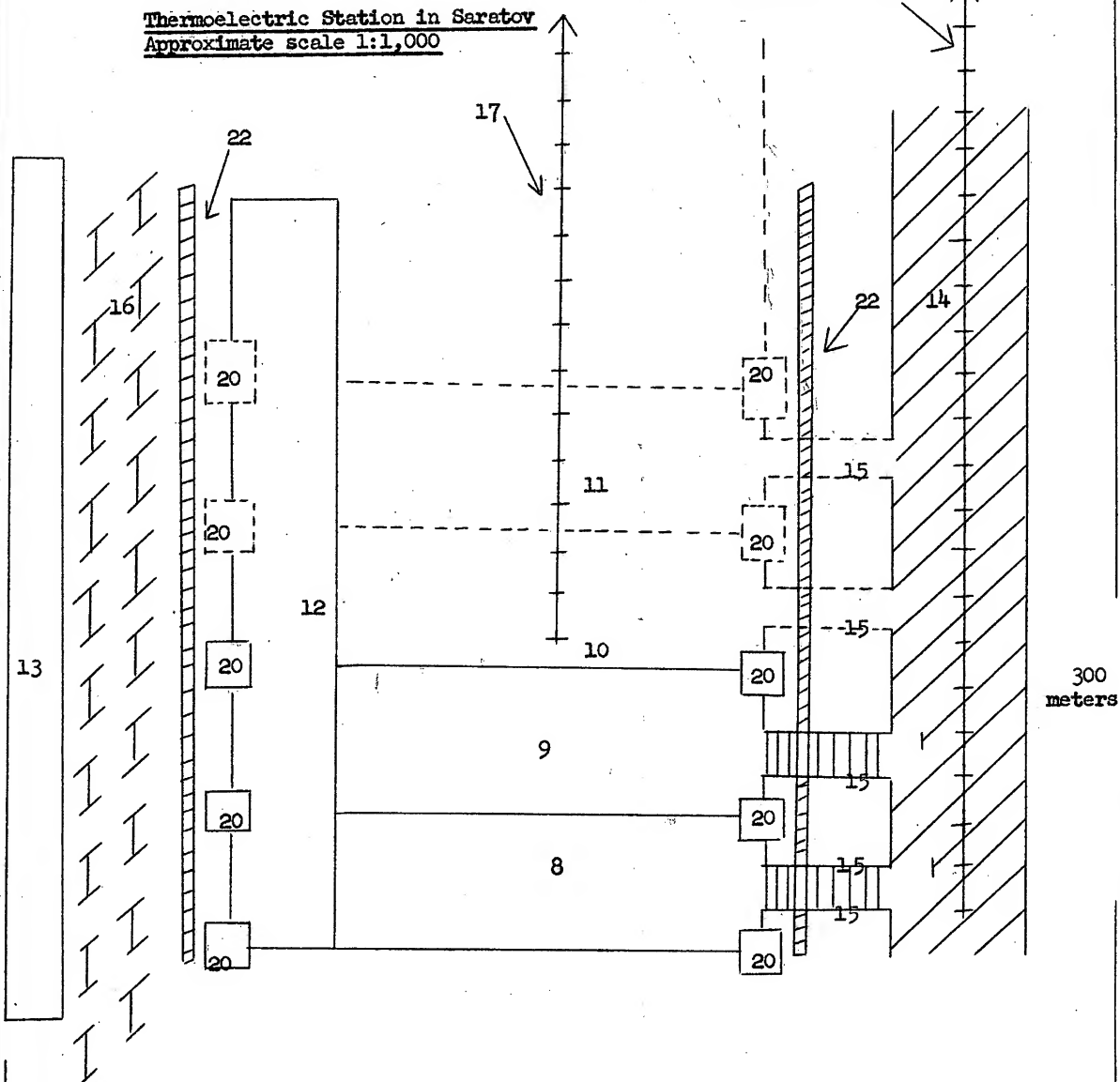
Sketch No. 4

Thermoelectric Station in Saratov
Approximate scale 1:1,000

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Fields

25X1



200 meters

S-E-C-R-E-T

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